

FIG. 2

FIG. 2

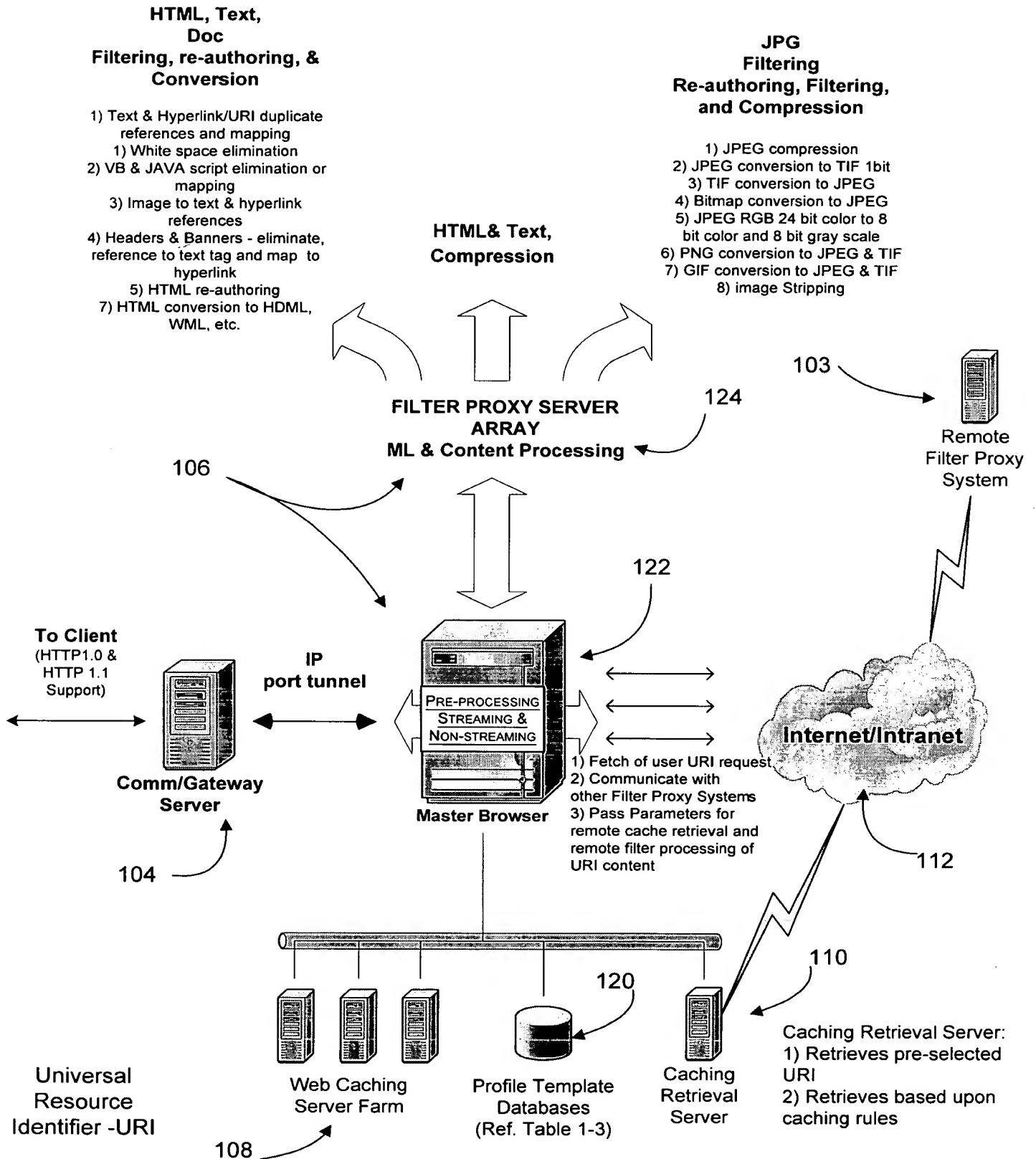


FIG. 3

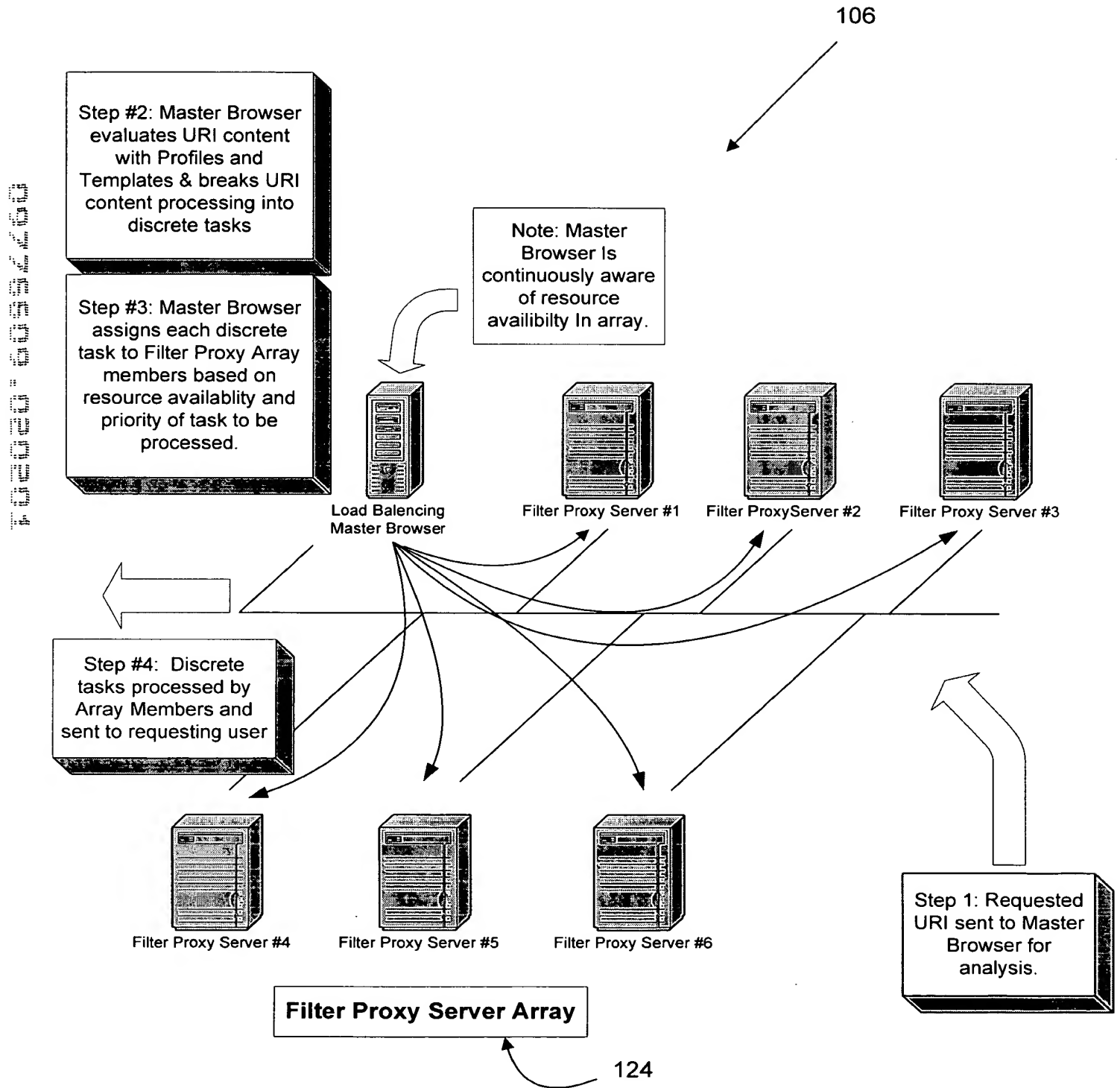


FIG. 4

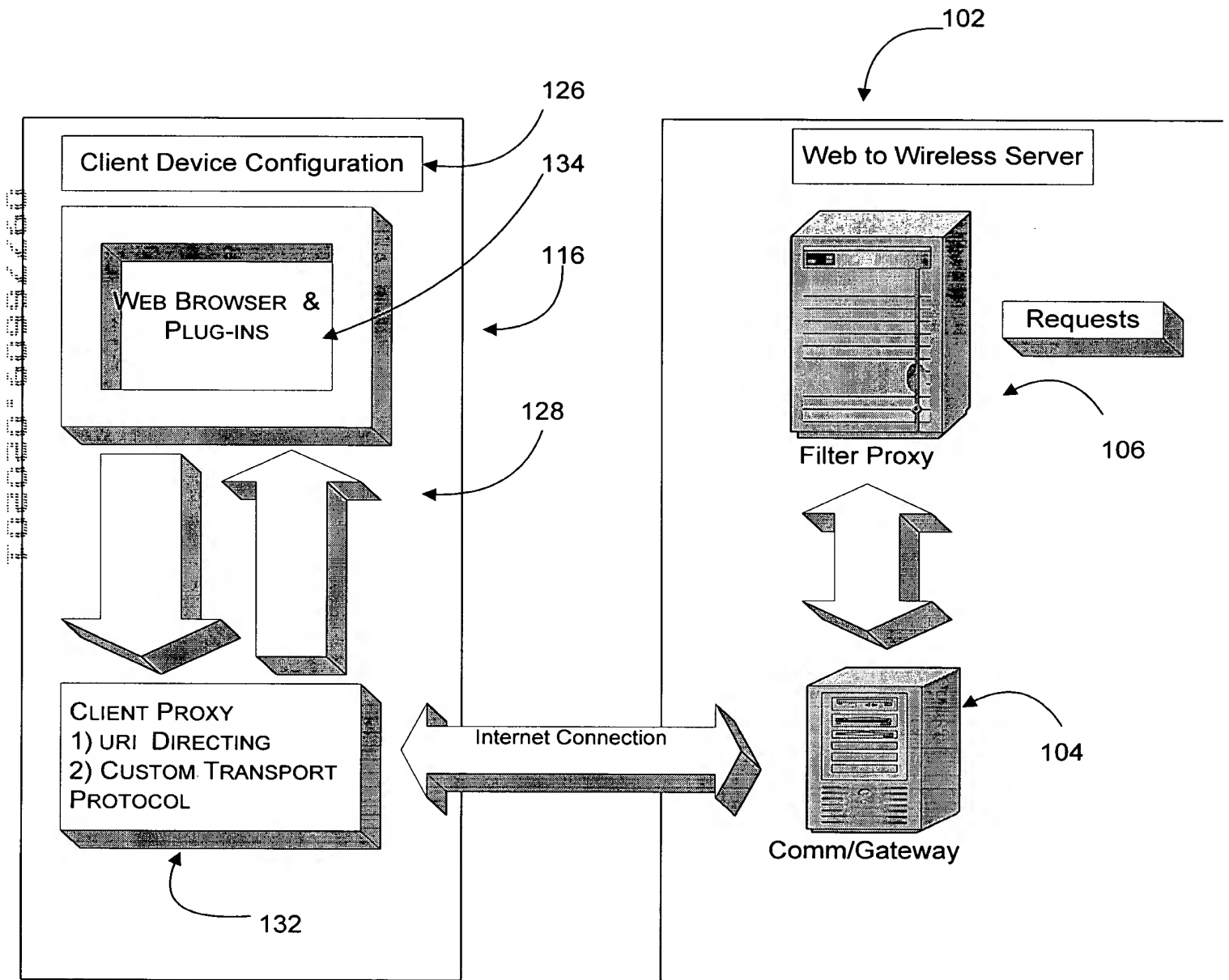


FIG. 5

DVC Profile	
PK	Dvc Name
	Hardware Profile# Operating System Profile# Browser Profile# Protocol Profile# Image Profile# Text Profile# Vieo Profile#

Hardware Profile	
PK	Hardware Profile#
	Available Mem Size Modem - Protocol Processor Video Processor Screen Size Screen Resolution Total Lines Characters/line Key Pad Function

Operating Sytem Profile	
PK	Operating System Profile#
	OS Name Language Mask Compression Security Mask Plug-in capable

Browser Profile	
PK	Browser Profile#
	Browser Name Mark-up Language Local/Remote Scripting Applet capable BrowserVersion

DVC Image Profile	
PK	Image Profile#
	All standards No image Color 24 bit Color 16 bit Color 8 bit Gray Scale 8 bit BW1 bit JGEG TIF Bitmap Special Image Profile#

Text Profile	
PK	Text Profile#
	HTML Standards Font Specific Min Font Size Max Font Size

Video Profile	
PK	Video Profile#
	Format Data Type Extension Special Plug-in

Special Image Profile	
PK	Special Image Profile#
	Plug-in Name Extension Type

FIG. 6

HTML Template	
PK PK	URI Device Profile#
	Max Image Pixel Horizontal Image Position Text Position Headers Hot Points mapping Script Mapping Delete Duplicate URI and Text Ref

HTML Template Key

- 1) Max Image Horizontal Pixels Size = 240
- 2) Image Position = Rt Align/ Center/Lf Align/ No Change
- 3) Text Position = Lf Align+ Wrap/ (Rt+Lf/2) Align on Margin/Rt Align+Wrap/NoChange
- 4) Text Max Characters = DVC Profile(Characters/line);
- 5) Headers = Strip & keep Text/ Strip all
- 6) Hot Points = Map to text & Emulate / No Change
- 7) Delete Duplicate URI references & Text

User Profile	
PK PK	User ID Device IP Code
	Device Profile# No Change Text Only Remove Banners & Headers Compress HTML & Text Text Secuirty JPEG Max compress JPEG to Thmbnail GIF/PNG to JPEG JPEG to Gray Scale, JPEG to 1 bit B/W

User URI List	
PK	Device IP Code
	URI ML Template

FIG. 7

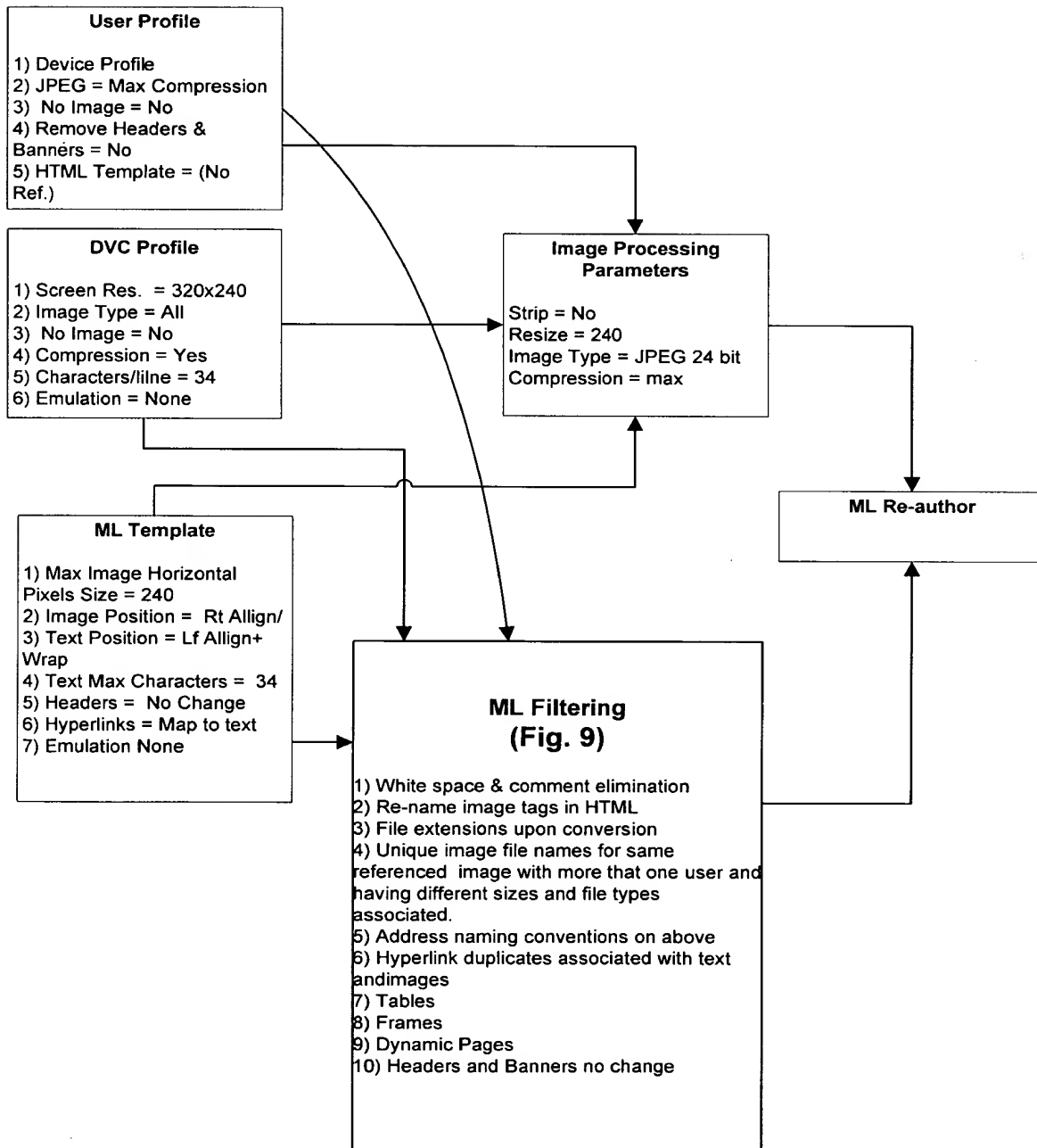


FIG. 8

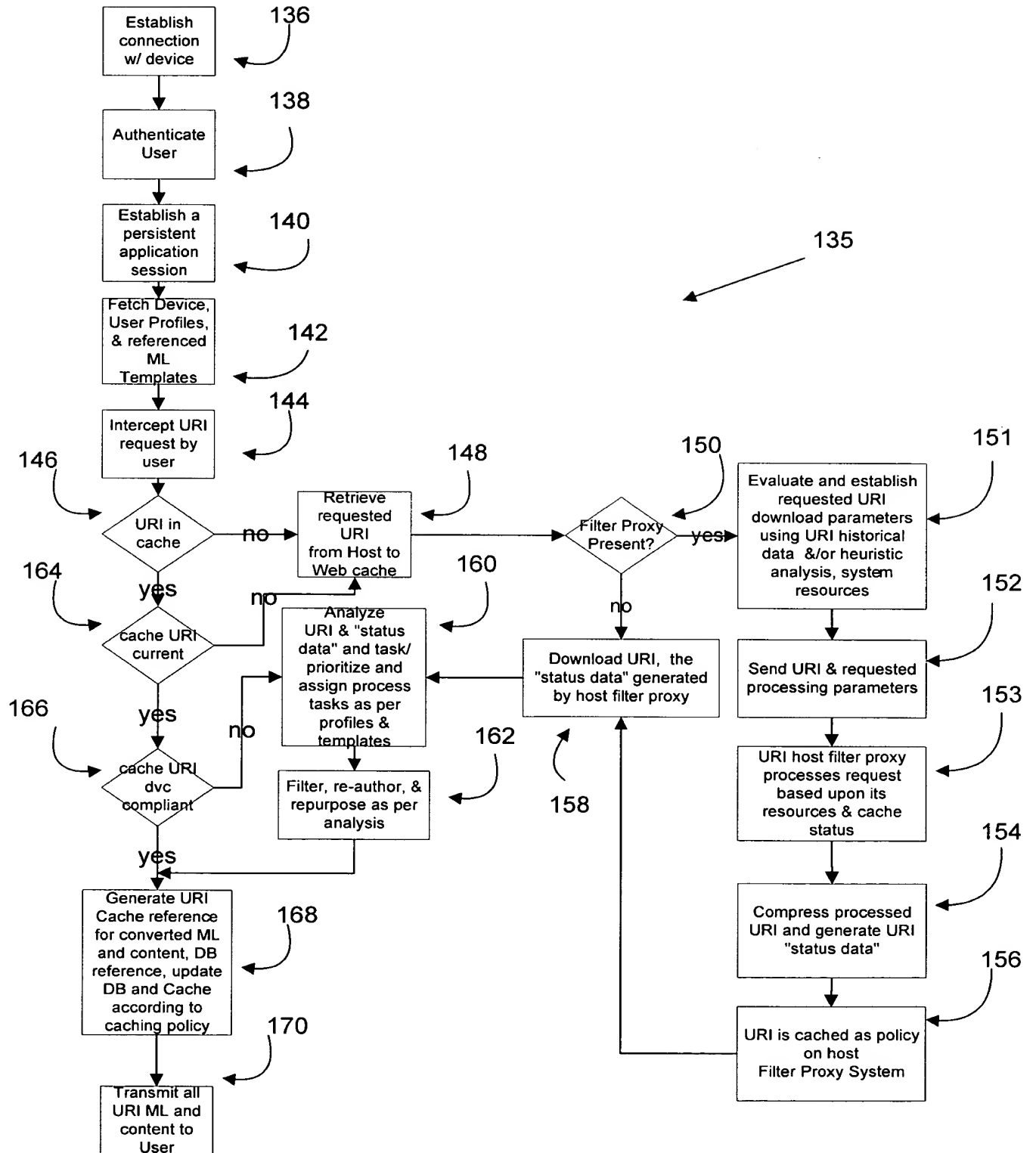


FIG. 9

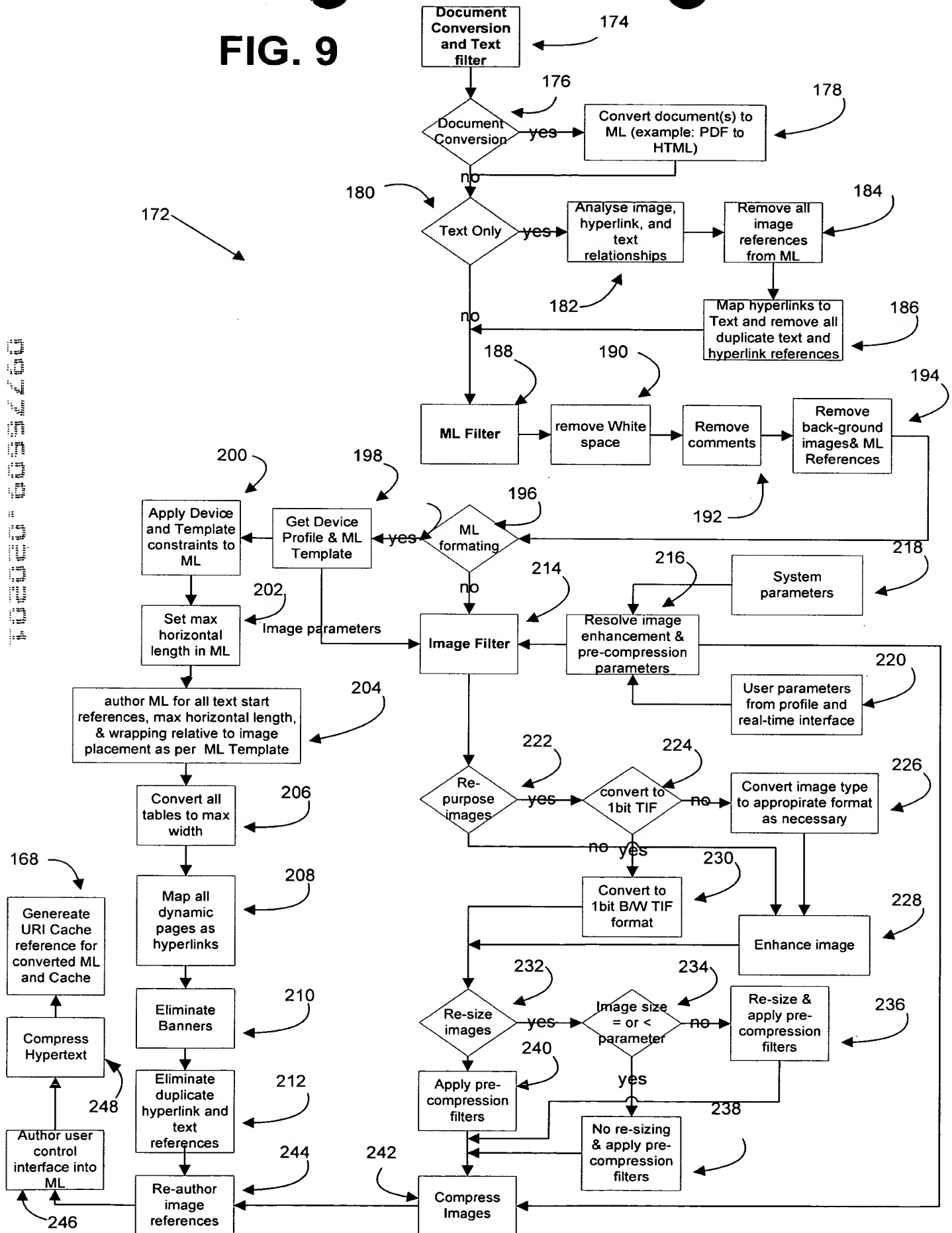


FIG. 10

FIG. 10

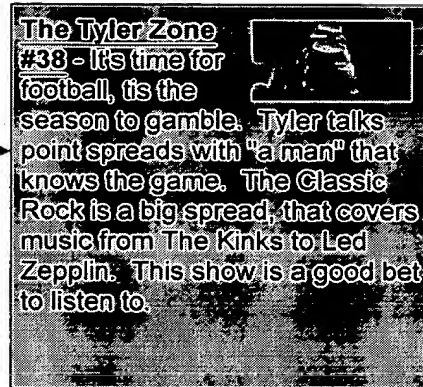
Portion of HTML Executed
& Displayed on Standard
Computer System



The Tyler Zone #38

- It's time for football, tis the season to gamble. Tyler talks point spreads with "a man" that knows the game. The Classic Rock is a big spread, that covers music from The Kinks to Led Zeppelin. This show is a good bet to listen to.

Filtered and re-authored HTML & image converted to gray scale positioned on left top. Duplicate hyperlink eliminated for PDA. Text bound to 34 characters with word wrap applied and device font applied to text. Device having 240x320 pixel screen and gray scale display capability.



Illustrative of a single piece of content that includes text, hyperlinks, and an image that are extracted from original HTML and the rendered results of the HTML being re-authored and the image re-purposed to conform to screen and device parameters defined in DVC & user Profile. Duplicate hyperlinks to the same URI represented as underlined text are reduced to one. Fig. 7 is illustrative of the parameters of the profiles and template and their relationships

162

170

Filter & Re-author the HTML and content and convert to appropriate ML using Template as defined by analysis using the Profiles & template

160

Analysis

Analyze HTML based upon Device, User Profiles and Template to :

- a) determine re-authoring and conversion of HTML to proper ML for presentation of content on device
- b) task the processing to the filter proxy array

168

HTML

```
<IMG ID="Picture1" HEIGHT=60 WIDTH=80 SRC="/imgyhyhyhyh.jpg" VSPACE=0 HSPACE=2 ALIGN="LEFT" BORDER=0><A HREF="http://www.my2clicks.com/rams/tz38.ram"><B>The Tyler Zone #38</B></A> - It's time for football, tis the season to gamble.&nbsp;&nbsp;&nbsp;Tyler talks point spreads with &quot;a man&quot; that knows the game.&nbsp;&nbsp;&nbsp;The Classic Rock is a big spread, that covers music from The Kinks to Led Zeppelin.&nbsp;&nbsp;&nbsp;<A HREF="http://www.my2clicks.com/rams/tz38.ram">This show is a good bet to listen to.</A>
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FIG. 11
(Prior Art)

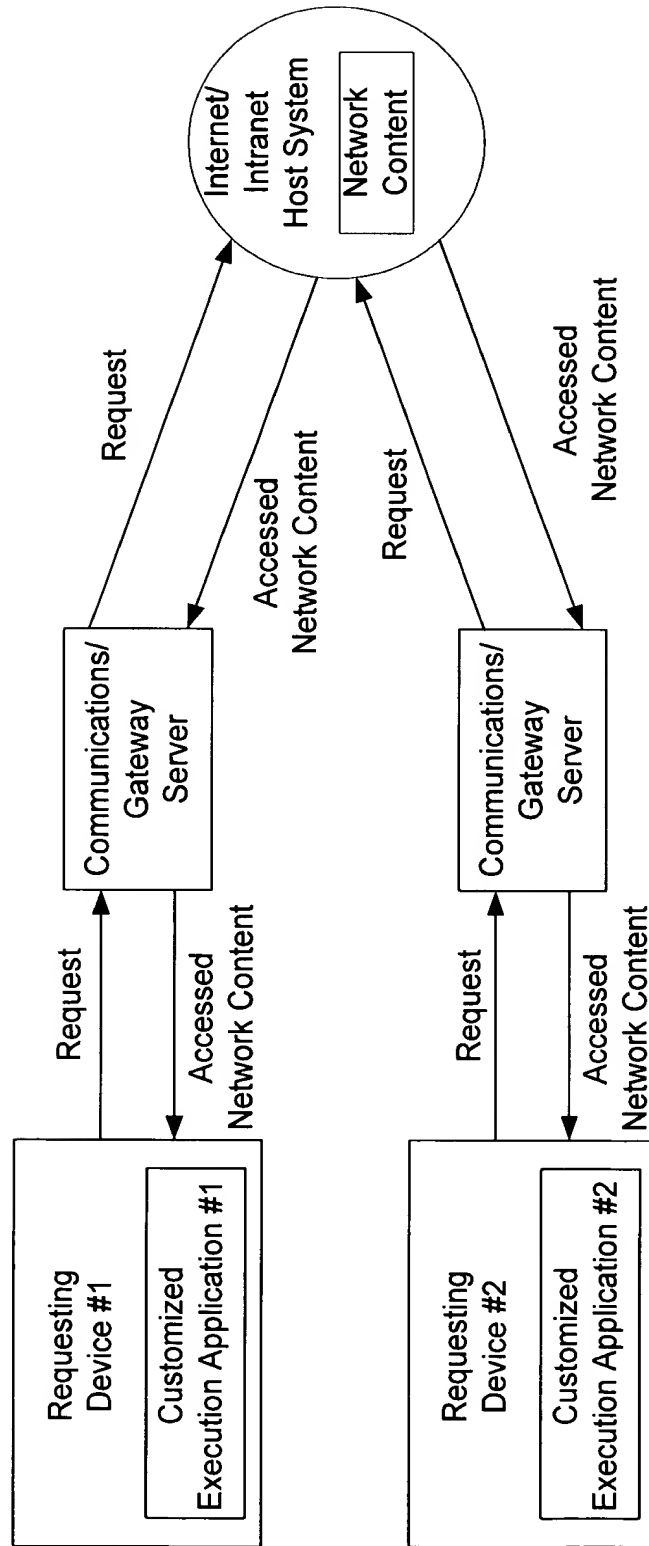


FIG. 12A

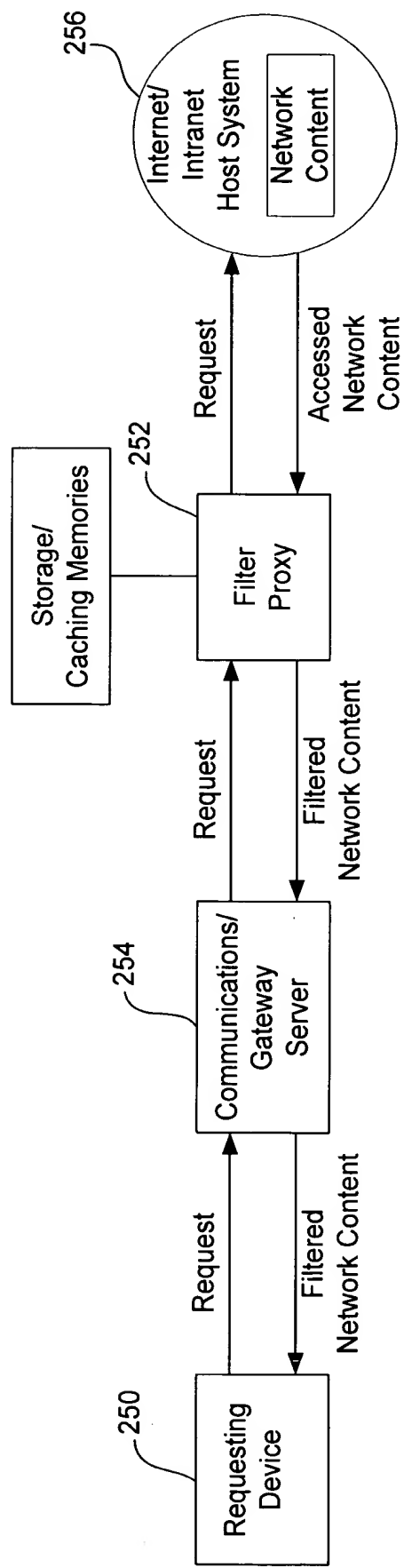


FIG. 12B

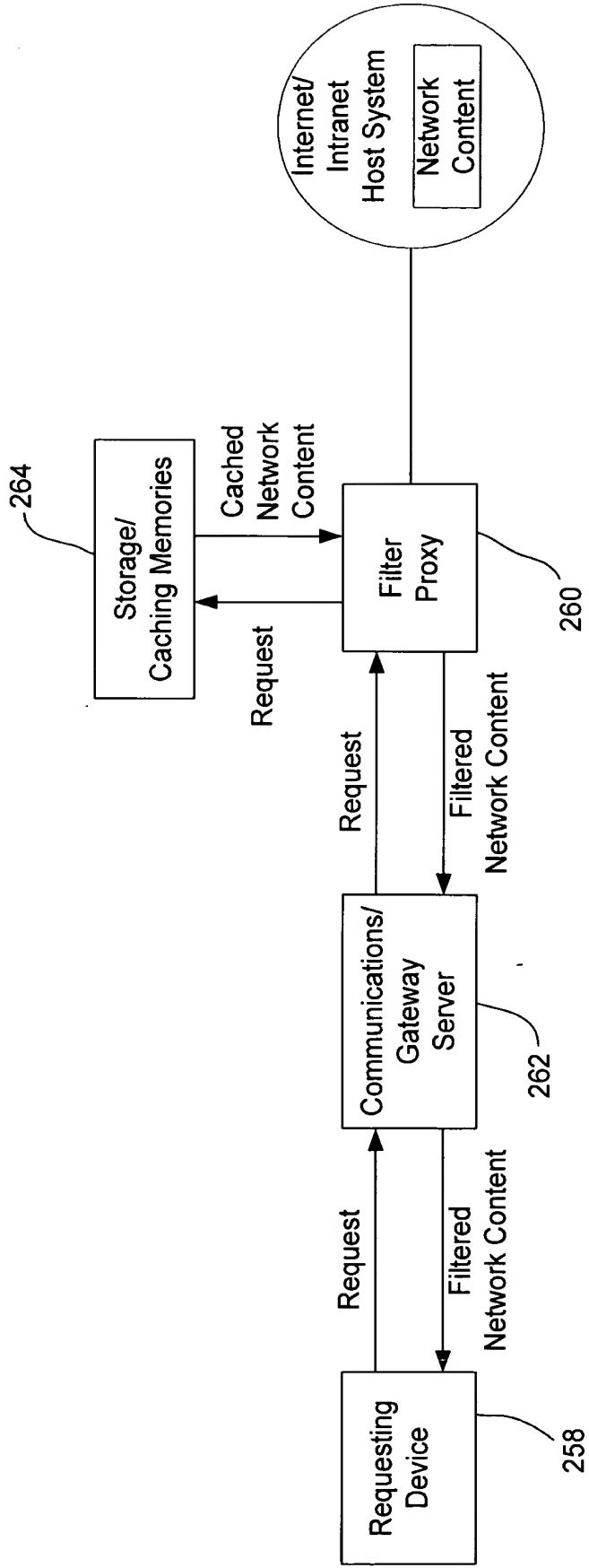


FIG. 12C

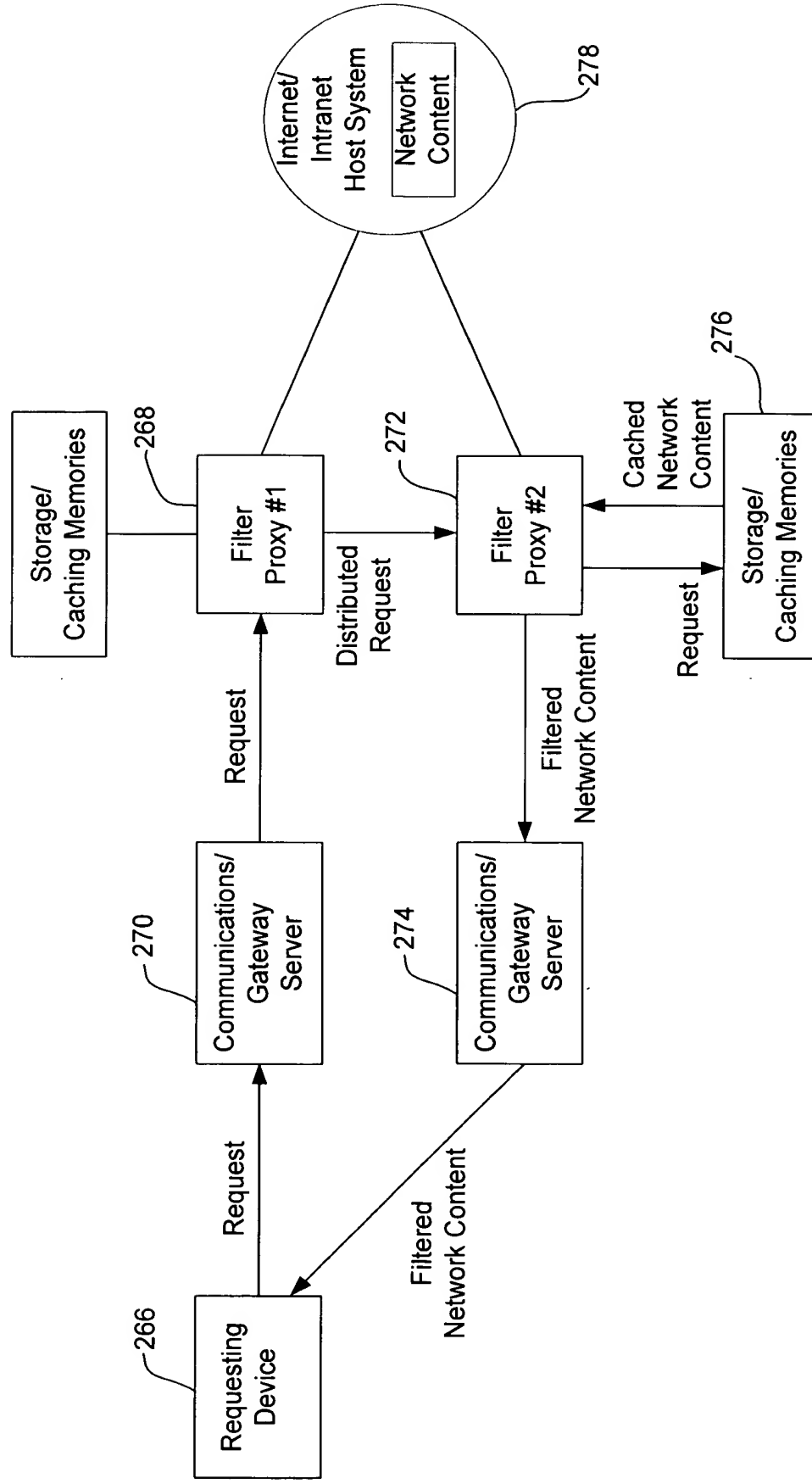


FIG. 12D

